

The image is a large, symmetrical, abstract graphic composed of the letters 'S' and 'Y' arranged in a grid-like pattern. The letters are black on a white background. The overall shape is a large, stylized 'Y' or a complex letterform. The top part is a wide horizontal bar made of 'S's, with 'Y's in the center. The sides are made of 'S's, and the bottom is a wide horizontal bar made of 'S's, with 'Y's in the center. The letters are arranged in a way that creates a sense of depth and perspective, with the 'S's forming the outer edges and the 'Y's forming the inner structure. The overall effect is a complex, geometric pattern that is both visually striking and mathematically precise.

[illegible]

(1) 53 GET TIME

```

0000 1 .TITLE SYSGETTIM - SYSTEM SERVICE GET TIME
0000 2 .IDENT 'V04-000'
0000 3
0000 4
0000 5 *****
0000 6
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0000 24
0000 25 *****
0000 26
0000 27
0000 28 D. N. CUTLER 30-SEP-76
0000 29
0000 30 SYSTEM SERVICE GET TIME
0000 31
0000 32 MODIFIED BY:
0000 33
0000 34 V03-001 KDM0086 KATHLEEN D. MORSE 02-APR-1982
0000 35 CORRECTLY ACQUIRE SYSTEM TIME, EVEN IN THE CASE WHEN THE
0000 36 SECONDARY PROCESSOR ACCESSES EXESGQ SYSTIME WHILE THE
0000 37 PRIMARY PROCESSOR IS UPDATING IT (1T/782 CASE).
0000 38
0000 39
0000 40 MACRO LIBRARY CALLS
0000 41
0000 42
0000 43 $$$DEF ;DEFINE SYSTEM STATUS VALUES
0000 44
0000 45
0000 46 LOCAL SYMBOLS
0000 47
0000 48 ARGUMENT LIST OFFSET DEFINITIONS
0000 49
0000 50
0000 51 TIMADR=4 ;ADDRESS OF QUADWORD TO RECEIVE TIME
00000004

```



```
0000 53 .SBTTL GET TIME
0000 54 :+
0000 55 : EXESGETTIM - GET TIME
0000 56
0000 57 THIS SERVICE PROVIDES THE CAPABILITY TO RETRIEVE THE CURRENT SYSTEM TIME
0000 58 IN 64 BIT FORMAT.
0000 59
0000 60 INPUTS:
0000 61
0000 62 TIMADR(AP) = ADDRESS OF QUADWORD THAT IS TO RECEIVE TIME.
0000 63
0000 64 OUTPUTS:
0000 65
0000 66 RO LOW BIT CLEAR INDICATES FAILURE TO RETRIEVE SYSTEM TIME
0000 67
0000 68 RO = $$$ ACCVIO - QUADWORD TO RECEIVE TIME CANNOT BE
0000 69 WRITTEN BY CALLING ACCESS MODE.
0000 70
0000 71 RO LOW BIT SET INDICATES SUCCESSFUL COMPLETION.
0000 72
0000 73 RO = $$$_NORMAL - NORMAL COMPLETION.
0000 74 :-
0000 75
00000000 76 .PSECT YEXEPAGED
0000 77 EXESGETTIM::
0000 78 .WORD 0
51 04 AC D0 0002 79 MOVL TIMADR(AP),R1
50 0C 3C 0006 80 MOVZWL #$$$_ACCVIO,R0
61 00000000'EF 7D 000F 81 5$: IFNOWRT #8,(R1),10$
61 00000000'EF D1 0016 82 MOVQ EXESGQ_SYSTIME,(R1)
EA 12 001D 83 CMPL EXESGQ_SYSTIME,(R1)
04 A1 00000004'EF D1 001F 84 BNEQ 5$
E0 12 0027 85 CMPL EXESGQ_SYSTIME+4,4(R1)
50 01 3C 0029 86 BNEQ 5$
04 002C 87 MOVZWL #$$$_NORMAL,R0
002D 88 10$: RET
002D 89
002D 90 .END

;GET TIME
;ENTRY MASK
;GET ADDRESS OF QUADWORD TO RECEIVE TIME
;ASSUME QUADWORD NOT WRITABLE
;CAN QUADWORD BE WRITTEN?
;STORE SYSTEM TIME IN QUADWORD
;VERIFY THAT THE VALUE ACQUIRED
; WAS NOT BEING MODIFIED DURING
; THE ACQUISITION. THIS SYNCHS ACCESS BY
; THE SECONDARY IN THE 11/782 SYSTEM.
;SET NORMAL COMPLETION
;
```

SYSGETTIM
Symbol table

- SYSTEM SERVICE GET TIME

M 10

16-SEP-1984 02:20:02 VAX/VMS Macro V04-00
5-SEP-1984 03:54:15 [SYS.SRC]SYSGETTIM.MAR;1

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(1)

EXESGETTIM
EXESGQ SYTIME
SS\$ ACCVIO
SS\$ NORMAL
TIMADR

00000000 RG 02
***** X 02
= 0000000C
= 00000001
= 00000004

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes
ABS	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
\$ABSS	00000000 (0.)	01 (1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
YEXEPAGED	0000002D (45.)	02 (2.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	37	00:00:00.08	00:00:00.57
Command processing	132	00:00:00.59	00:00:02.29
Pass 1	192	00:00:03.65	00:00:10.37
Symbol table sort	0	00:00:00.60	00:00:01.41
Pass 2	33	00:00:00.62	00:00:01.72
Symbol table output	2	00:00:00.01	00:00:00.05
Psect synopsis output	2	00:00:00.05	00:00:00.42
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	400	00:00:05.60	00:00:16.83

The working set limit was 1200 pages.
19504 bytes (39 pages) of virtual memory were used to buffer the intermediate code.
There were 30 pages of symbol table space allocated to hold 410 non-local and 2 local symbols.
90 source lines were read in Pass 1, producing 13 object records in Pass 2.
9 pages of virtual memory were used to define 8 macros.

! Macro library statistics !

Macro library name	Macros defined
_\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	1
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	4
TOTALS (all libraries)	5

473 GETS were required to define 5 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:SYSGETTIM/OBJ=OBJ\$:SYSGETTIM MSRC\$:SYSGETTIM/UPDATE=(ENH\$:SYSGETTIM)+EXECMLS/LIB

0385 AH-BT13A-SE
VAX/VMS V4.0

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